

**PRODUCTION OF EXTERIOR MATERIAL OF BUILDING STRUCTURE  
COMPRISING FLY ASH AS RAW MATERIAL AND EXTERIOR MATERIAL**

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**Abstract of JP2217355**

**PURPOSE:** To inexpensively obtain the title lightweight exterior material by blending granulated materials comprising fly ash with water, a polymer-based binder with perlite and glass powder, molding into blocks and calcining.

**CONSTITUTION:** (A) Fly ash is blended with (B) 15-20wt.% water and (C) 0.1-1.0wt.% a polymer-based binder, kneaded and granulated to give granulated materials. The granulated materials are mixed with (D) 2-8wt.% perlite and (E) 5-8wt.% glass powder, kneaded and molded by vibration molding or extrusion molding into flat plate shape or brick shape to give blocks. Then the blocks are glazed and calcined at 1,000-1,250 deg.C to give the title exterior material.

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